

Cape May County



CAPE MAY

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Allendale Road Ground Water Contamination

Allendale Road

Upper Township

Cape May County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Chlorinated Compounds

Treating

FUNDING SOURCES

Spill Fund
1986 Bond Fund













AMOUNT AUTHORIZED

\$35,000
\$681,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Cape May County Health Department sampled 104 private potable wells in this area between 1992 and 1994 as part of its Well Head Protection Program. The sampling revealed that 12 private wells were contaminated with volatile organic compounds above New Jersey Drinking Water Standards, and an additional nine wells had lower levels of contamination. The source of the contamination is unknown. NJDEP installed Point-of-Entry Treatment (POET) water filtration systems in the affected homes in 1994 as an interim solution to provide potable water for those residents.

Between 1994 and 1996, NJDEP delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis. Based on the findings of the analysis, NJDEP concluded that extending public water lines was the most appropriate long-term remedy to provide potable water to the area. Construction of the water lines was completed in 1997 and connection of residences and sealing of the private wells are expected to begin in 1999. A total of 84 properties will be connected to the water line when the construction project is completed. NJDEP will conduct a Remedial Investigation to determine the source of the ground water contamination.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Water Line					 Underway
					 Completed
					 Not Required

Beesleys Point Ground Water Contamination

Maple Shade Lane and Grant Avenue

Upper Township

Cape May County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Chlorinated Compounds

Treating

FUNDING SOURCES

Spill Fund

1986 Bond Fund

AMOUNT AUTHORIZED













\$33,000

\$592,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Cape May County Health Department sampled 73 private potable wells in this area between 1992 and 1994 as part of its Well Head Protection Program. The sampling revealed that 16 private wells were contaminated with volatile organic compounds above New Jersey Drinking Water Standards, and an additional nine wells had lower levels of contamination. The source of the contamination is unknown. NJDEP installed Point-of-Entry Treatment (POET) water filtration systems in the affected homes in 1994 as an interim solution to provide potable water for those residents.

Between 1994 and 1996, NJDEP delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis. Based on the findings of the analysis, NJDEP concluded that extending public water lines was the most appropriate long-term remedy to provide potable water to the area. Construction of the water lines was completed in 1997 and connection of residences and sealing of the private wells are expected to begin in 1999. A total of 42 properties will be connected to the water line when the construction project is completed. NJDEP will conduct a Remedial Investigation to determine the source of the ground water contamination.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Water Line					 Underway
					 Completed
					 Not Required

Domi Drive Ground Water Contamination

Domi Drive

Middle Township

Cape May County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Unknown Source
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Various

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Alternate Water Supply
Provided

FUNDING SOURCES













Spill Fund

AMOUNT AUTHORIZED

\$114,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Cape May County Health Department in 1994 identified six private potable wells in this area that were contaminated with volatile organic compounds. NJDEP installed Point of Entry Treatment (POET) water filtration systems on the contaminated private wells as an immediate measure, and later that year the Township extended a public water line to the affected residences. The Township is seeking reimbursement from New Jersey's Spill Fund for the cost of the water line. NJDEP has approved a three-year monitoring program to evaluate ground water quality in the surrounding area for contaminant migration. In 1996, NJDEP completed a preliminary assessment and site investigation; however, a specific source of the ground water contamination could not be determined. NJDEP believes that the contamination is the result of an isolated discharge with little or no potential for migration outside the currently impacted area.

PROJECT NAME	RI/FS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Receptor Control (Water Line)					 Underway
					 Completed
					 Not Required

Edgewood Village Mobile Home Park

2403 Route 9 (Shore Road)

Middle Township

Cape May County

BLOCK: 1064 **LOT:** 2

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: 10.94 Acres

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds
Semi-Volatile Organic Compounds

STATUS

Treated; Further
Monitoring Required

Soil

Volatile Organic Compounds
Semi-Volatile Organic Compounds

Removed; Further
Monitoring Required

FUNDING SOURCES

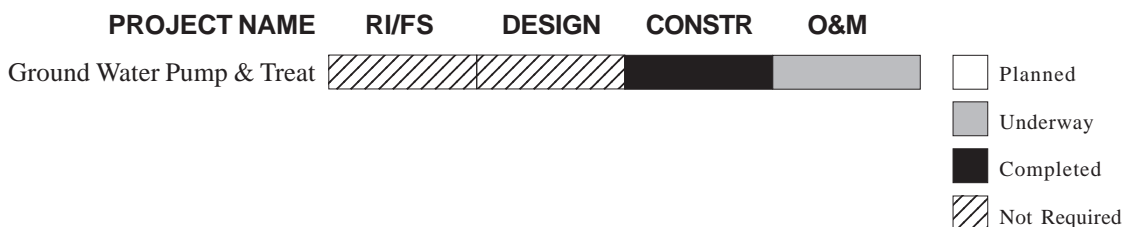
Spill Fund
Underground Storage Tank Fund

AMOUNT AUTHORIZED

\$429,000
\$191,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

In 1989, approximately 5,400 gallons of kerosene spilled from a distribution system at this site, where the kerosene was used to heat mobile homes. The Responsible Parties excavated and removed the contaminated soil and installed three monitor wells, but they were unable to continue remedial work due to lack of funds. Shortly thereafter, NJDEP assumed responsibility for the clean up and installed additional monitor wells, a recovery well and a ground water extraction and treatment system. Between December 1989 and June 1990 over 2,000 gallons of kerosene were recovered from the ground water. The ground water extraction and treatment system was demobilized in 1993 when little additional kerosene could be recovered. NJDEP will be conducting ground water monitoring over the next several years to evaluate the effectiveness of the remedial action.



Williams Property

Siegtown Road

Middle Township

Cape May County

BLOCK: 99.02 **LOT:** 3

CATEGORY: Superfund
State Lead

TYPE OF FACILITY: Illegal Dump
OPERATION STATUS: Ceased

PROPERTY SIZE: 5.6 Acres

SURROUNDING LAND USE: Residential/Agricultural

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Treating

Potable Water

Volatile Organic Compounds

Alternate Water Supply
Provided

Soil

Volatile Organic Compounds

Removed

FUNDING SOURCES

Superfund
1986 Bond Fund

AMOUNT AUTHORIZED

\$8,567,000
\$626,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Williams Property site is located less than three miles southeast of the Timber Beaver Swamp Fish and Wildlife Management Area, a major aquifer recharge area. On both sides of the site are prime wetlands habitats. In 1979, NJDEP discovered that the contents of 200 to 300 55-gallon drums of hazardous materials had been drained onto the soil. There was also evidence that tank trailers had discharged liquid wastes at the site. The contamination posed a threat to the underlying Holly Beach Aquifer and deeper Cohansey Aquifer, both of which are used as potable water supplies. Shortly after the site was discovered, NJDEP removed the surface debris and 1200 cubic yards of sludge and contaminated soil. USEPA placed the site on the National Priorities List of Superfund sites in 1983.

In 1985, NJDEP began a Remedial Investigation/Feasibility Study (RI/FS) to determine the nature and extent of the contamination and evaluate cleanup alternatives. Nearby residences with private potable wells were connected to the municipal water supply in 1986. In 1987, after the RI/FS was completed, USEPA issued a Record of Decision (ROD) with NJDEP concurrence that required installation of an on-site system to extract and treat the contaminated ground water and removal of the remaining contaminated soil. USEPA excavated and disposed of 960 cubic yards of contaminated soil in 1991, and NJDEP completed construction of the ground water treatment system in 1995. Operation and maintenance of the treatment system is ongoing and will continue until the ground water quality at the site meets New Jersey Drinking Water Standards.

